

Amendments to and Listing of the Claims:

Please cancel claim 5, amend claims 1 and 6, and add claims 7-28 so that the claims read as follows:

1. (currently amended) A lubricating oil composition which comprises a lubricating base oil, (A) a boron-containing ashless dispersant in an amount of 0.004 to 0.05 percent by mass in terms of boron, based on the total mass of the composition, (B) an alkaline earth metal-based detergent with a base number of 0 to 500 mgKOH/g in an amount of 0.01 percent by mass or more in terms of an alkaline earth metal, based on the total mass of the composition, and (C) at least one a sulfur-based additive selected from the group consisting of (C-1) thiazole compounds, (C-2) thiadiazole compounds, and (C-6) sulfurized ester compounds in an amount of 0.01 to 0.3 percent by mass in terms of sulfur, based on the total mass of the composition.

2. (previously presented) The lubricating oil composition according to claim 1 wherein Component (A) is a succinimide modified with a boron compound.

3. (previously presented) The lubricating oil composition according to claim 1 wherein Component (B) is an alkaline earth metal calcium or an alkaline earth metal magnesium.

4. (previously presented) The lubricating oil composition according to claim 1 wherein Component (B) is sulfonate or salicylate.

5. (canceled)

6. (currently amended) A The lubricating oil composition according to claim 1 wherein it is used in for transmissions for in automobiles which comprises a lubricating base oil, (A) a boron-containing ashless dispersant in an amount of 0.004 to 0.05 percent by mass in terms of boron, based on the total mass of the composition, (B) an alkaline earth metal-based detergent with a base number of 0 to 500 mgKOH/g in an amount of 0.01 percent by mass or more in terms of an alkaline earth metal, based on the total mass of the composition, and (C) a sulfur-based additive in an amount of 0.01 to 0.3 percent by mass in terms of sulfur, based on the total mass of the composition.

7. (new) The lubricating oil composition according to claim 6 wherein Component (A) is a succinimide modified with a boron compound.

8. (new) The lubricating oil composition according to claim 6 wherein Component (B) is an alkaline earth metal calcium or an alkaline earth metal magnesium.

9. (new) The lubricating oil composition according to claim 6 wherein Component (B) is sulfonate or salicylate.

10. (new) A lubricating oil composition which consists essentially of a lubricating base oil, (A) a boron-containing ashless dispersant in an amount of 0.004 to 0.05 percent by mass in terms of boron, based on the total mass of the composition, (B) an alkaline earth metal-based detergent with a base number of 0 to 500 mgKOH/g in an amount of 0.01 percent by mass or more in terms of an alkaline earth metal, based on the total mass of the composition, and (C) at least one sulfur-based additive other than a zinc dialkyldithiophosphate in an amount of 0.01 to 0.3 percent by mass in terms of sulfur, based on the total mass of the composition.

11. (new) The lubricating oil composition according to claim 10 wherein Component (A) is a succinimide modified with a boron compound.

12. (new) The lubricating oil composition according to claim 10 wherein Component (B) is an alkaline earth metal calcium or an alkaline earth metal magnesium.

13. (new) The lubricating oil composition according to claim 10 wherein Component (B) is sulfonate or salicylate.

14. (new) The lubricating oil composition according to claim 6, wherein the at least one sulfur-based additive is selected from the group consisting of (C-1) thiazole compounds, (C-2) thiadiazole compounds, (C-3) dithiocarbamate compounds, (C-4) molybdenum dithiocarbamate compounds, (C-5) dihydrocarbylpolsulfide compounds, and (C-6) sulfurized ester compounds.

15. (new) The lubricating oil composition according to claim 10, wherein the at least one sulfur-based additive is selected from the group consisting of (C-1) thiazole compounds, (C-2) thiadiazole compounds, (C-3) dithiocarbamate compounds, (C-4) molybdenum dithiocarbamate compounds, (C-5) dihydrocarbypolysulfide compounds, and (C-6) sulfurized ester compounds.

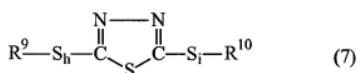
16. (new) The lubricating oil composition according to claim 6, wherein the composition further comprises at least one additive other than a zinc dialkylphosphate.

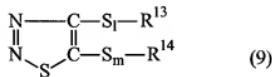
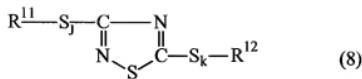
17. (new) The lubricating oil composition according to claim 10, wherein the composition further comprises at least one additive other than a zinc dialkylphosphate.

18. (new) The lubricating oil composition according to claim 16 wherein the additive is at least one selected from the group consisting of (D) boron-free ashless dispersants, (E) friction modifiers, (F) oxidation inhibitors, (G) boron-based extreme pressure additives, (H) wear inhibitors, (I) viscosity index improvers, (J) rust preventatives, (K) corrosion inhibitors, (L) pour-point depressants, (M) rubber swelling agents, (N) antifoamers and (O) coloring agents.

19. (new) The lubricating oil composition according to claim 17 wherein the additive is at least one selected from the group consisting of (D) boron-free ashless dispersants, (E) friction modifiers, (F) oxidation inhibitors, (G) boron-based extreme pressure additives, (H) wear inhibitors, (I) viscosity index improvers, (J) rust preventatives, (K) corrosion inhibitors, (L) pour-point depressants, (M) rubber swelling agents, (N) antifoamers and (O) coloring agents.

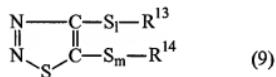
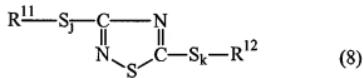
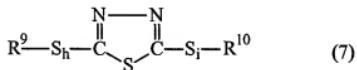
20. (new) The lubricating oil composition according to claim 1, wherein the sulfur-based additive is at least one selected from the group consisting of 1,3,4-thiodiazole compounds; 1,2,4-thiadiazole compounds; and 1,4,5-thiadiazole compounds represented by formulas (7), (8), and (9), respectively:





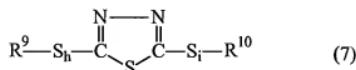
wherein R^9 , R^{10} , R^{11} , R^{12} , R^{13} , and R^{14} are each independently hydrogen or a hydrocarbon group having 1 to 50 carbon atoms and h , i , j , k , l , and m are each independently an integer of 0 to 8.

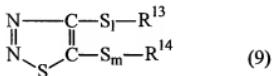
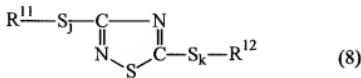
21. (new) The lubricating oil composition according to claim 6, wherein the sulfur-based additive is at least one selected from the group consisting of 1,3,4-thiodiazole compounds; 1,2,4-thiadiazole compounds; and 1,4,5-thiadiazole compounds represented by formulas (7), (8), and (9), respectively:



wherein R^9 , R^{10} , R^{11} , R^{12} , R^{13} , and R^{14} are each independently hydrogen or a hydrocarbon group having 1 to 50 carbon atoms and h , i , j , k , l , and m are each independently an integer of 0 to 8.

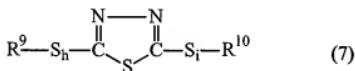
22. (new) The lubricating oil composition according to claim 10, wherein the sulfur-based additive is at least one selected from the group consisting of 1,3,4-thiodiazole compounds; 1,2,4-thiadiazole compounds; and 1,4,5-thiadiazole compounds represented by formulas (7), (8), and (9), respectively:





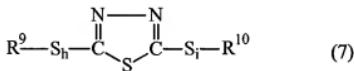
wherein R^9 , R^{10} , R^{11} , R^{12} , R^{13} , and R^{14} are each independently hydrogen or a hydrocarbon group having 1 to 50 carbon atoms and h , i , j , k , l , and m are each independently an integer of 0 to 8.

23. (new) The lubricating oil composition according to claim 1, wherein the sulfur-based additive is a 1,3,4-thiadiazole compound represented by the formula (7)



wherein R^9 and R^{10} are each independently hydrogen or a hydrocarbon group having 1 to 50 carbon atoms and h and i are each independently an integer of 0 to 8.

24. (new) The lubricating oil composition according to claim 6, wherein the sulfur-based additive is a 1,3,4-thiadiazole compound represented by the formula (7)



wherein R^9 and R^{10} are each independently hydrogen or a hydrocarbon group having 1 to 50 carbon atoms and h and i are each independently an integer of 0 to 8.

25. (new) The lubricating oil composition according to claim 10, wherein the sulfur-based additive is a 1,3,4-thiadiazole compound represented by the formula (7)

wherein R⁹ and R¹⁰ are each independently hydrogen or a hydrocarbon group having 1 to 50 carbon atoms and h and i are each independently an integer of 0 to 8.

26. (new) The lubricating oil composition according to claim 1, wherein component (B) is contained in an amount of 0.01 to 0.6 percent by mass in terms of an alkaline earth metal.

27. (new) The lubricating oil composition according to claim 6, wherein component (B) is contained in an amount of 0.01 to 0.6 percent by mass in terms of an alkaline earth metal.

28. (new) The lubricating oil composition according to claim 10, wherein component (B) is contained in an amount of 0.01 to 0.6 percent by mass in terms of an alkaline earth metal.